

JUL 14 2004

Attorney Docket No.: 94-36-3-US-D1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Werenicz et al.  
Serial No.: 09/057,406  
Filed: April 8, 1998  
Title: METHOD FOR PRODUCING A CONTINUOUS THERMOPLASTIC COATING

Art Unit: 1733  
Examiner: Aftergut

OFFICIAL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
MAIL STOP RCE

DECLARATION OF SHARF U. AHMED

I, Sharf U. Ahmed, state and declare as follows.

1. I have a Ph.D. in Organic Polymer Chemistry from Auburn University and a Bachelor of Science degree in Chemistry from Dhaka University.

2. Since 1991 I have been employed by H.B. Fuller Company as a Senior Chemist/Research Chemist specializing in formulating adhesives and coatings for the pulp, paper, packaging and nonwoven industries.

3. Our Analytical laboratory measured the complex viscosity of various polymers at 1 radian per second at 160°C and 1000 radians per second at 160°C. The polymers included EPOLENE C17 polyethylene, VESTOPLAST 792 amorphous poly-alpha-olefin (APAO), and VESTOPLAST 708 amorphous poly-alpha-olefin (APAO). The results are set forth in Table 1 below.

Polymer	Complex Viscosity at 1 radian/second and 160°C (Poise)	Complex Viscosity at 1000 radian/second and 160°C (Poise)
EPOLENE C17 polyethylene	13,100	Approximately 770
VESTOPLAST 792 APAO	2,690	Approximately 360
VESTOPLAST 708 APAO	186	Approximately 74

4. I measured the viscosity of EVA 28-800 ethylene vinyl acetate at 325°F (162.8°C) in a Brookfield thermocell viscometer using a number 27 spindle, set to a speed of 10 rotations per minute, which is similar to 1 radian per second. The viscosity of EVA 28-800 was 169 poise. The viscosity of EVA 28-05 could not be measured in the Brookfield thermocell viscometer because the sample was so viscous at 325°F that the spindle could not move.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under section 1001 Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent on which this statement is directed.

Further I declare not.

Date: July 01, 2004

Sharf U. Ahmed  
Sharf U. Ahmed  
H.B. Fuller Company

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**NOTES/COMMENTS:****NOTICE - CONFIDENTIAL INFORMATION**

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Allison Johnson

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TRANSMITTAL LETTER


Enclosed for filing in the above-captioned application please find:

1) Signed Declaration of Sharf U. Ahmed, the unsigned version of which was previously submitted (2 pages).

Please charge any additional fees or credit any overpayment to Deposit Account No. 06-2241.

Respectfully submitted,

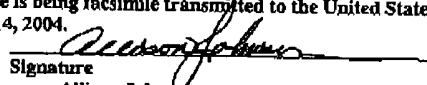
Date: July 14, 2004

  
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